

# Notice of Allowability

Application No.

10/822,876

Examiner

Nguyen T. Ha

Applicant(s)

HACSI, JAMES SCOTT

Art Unit

2831

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/04/2006.
2. ☒ The allowed claim(s) is/are 16-18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

NGUYEN T. HA  
PRIMARY EXAMINER

## **DETAILED ACTION**

### ***Election/Restrictions***

1. Applicant's election without traverse of claims 1-2 (now amended as claimed 16-18) in the reply filed on 09/04/2006 is acknowledged.

### ***Response to Amendment***

2. The examiner acknowledges the applicant's of the amendment submission dated 09/04/2006. At this point, claims 1-2 have been cancelled, claims 3-15 have been withdrawn (or now cancelled based on the election without traverse), claims 16-18 have been added. Thus, claims 16-18 are pending in the instant application.

### ***Allowable Subject Matter***

3. Claims 16-18 are allowed.

The following is an examiner's statement of reasons for allowance:

With respect to claims 16-17, the prior art alone or in combination does not teach the limitation of a method for storing electric energy comprising the steps of: transferring positive or negative electric charges and energy from each said conductive plate in each said separate chamber to the multitude of conductive particles dispersed in the dispersing medium contained in each said separate chamber using a particle-to-particle charge pumping procedure, and accumulating said positive or negative electric charges on the outside surface of each said conductive particle dispersed in the dispersing

Art Unit: 2831

medium in each said separate chamber by using the particle-to-particle charge-pumping procedure until each said conductive particle in each the separate chamber is energized to the same positive or negative electric potential or voltage as the conductive plate located in same the separate chamber. With respect to claim 18, the prior art alone or in combination does not teach the limitation of a method of retrieving stored electric energy comprising the steps of: allowing stored electric energy to flow through the electrical load device by permitting equally charged and repelling the conductive particles dispersed in the dispersing medium with the positive or negative electric charges in each the separate chamber to make electrical contact with each other and with the conductive plate located in same the separate chamber using a particle-to-particle charge-pumping procedure.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### **Citation Relevant of Prior Art**

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Adamson et al. (US 6,847,126) disclose system and method for harvesting electric power from a rotating tire's static electrically.

- b. Cepas et al. (US 6,477,035) disclose integrally formed energy storage device and method of fabrication.
- c. Okamura et al. (US 6,191,935) disclose electric double-layer capacitor that is adapted for use in an electric vehicle.
- d. Sakamoto (US 5,617,002) discloses method of and apparatus for charging nonaqueous electrolytic battery.
- e. Howard et al. (US 5,154,989) disclose energy storage device.
- f. Salmon (US 4,312,927) discloses energy conversion and storage process.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nguyen T. Ha whose telephone number is 571-272-1974. The examiner can normally be reached on Monday-Friday from 8:30AM to 6:00PM.

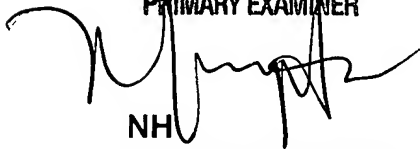
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-2800 ext. 31. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2831

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NGUYEN T. HA  
PRIMARY EXAMINER



NH  
November 3, 2006